Amendments to the Claims:

The following listing of claims will replace all prior versions, and listings, of claims in the application:

1. (Currently Amended) A positive electrode material for a lithium secondary battery, which is a composite oxide powder having a total composition represented by $Li_aNi_bCo_cBa_dAl_eO_x$ where:

a/(b+c): 1.0 to 1.2

b/(b+c): 0.5 to 0.95

c/(b+c): 0.05 to 0.5

d/(b+c): 0.0005 to ~~0.01~~0.007

e/(b+c): 0.01 to 0.1

b+c = 1

x > 0.

2. (Original) The positive electrode material for a lithium secondary battery according to claim 1, wherein an amorphous phase of an oxide is dispersed within a particle of the composite oxide powder.

3. (Previously Presented) The positive electrode material for a lithium secondary battery according to claim 1, wherein an amorphous phase of the oxide is formed on a surface portion of a particle of the composite oxide powder.

4. (Previously Presented) The positive electrode material for a lithium secondary battery according to claim 1, wherein an amorphous phase of the oxide is dispersed within a particle of the composite oxide powder and is also formed at a surface of the particle.

5. (Previously Presented) The positive electrode material for a lithium secondary battery according to claim 2 wherein a constituent component of the amorphous phase of the oxide is an oxide of one or a plurality of elements selected from the group consisting of Li,

Ba, and Al.

6. (Withdrawn) The positive electrode material for a lithium secondary battery, which is a composite oxide having a total composition represented by $Li_aNi_bCo_cBa_dAl_eM_fO_x$ where:

M: one or a plurality of elements selected from the group consisting of Na, K, Si, B, and P,

a/(b+c): 1.0 to 1.2

b/(b+c): 0.5 to 0.95

c/(b+c): 0.05 to 0.5

d/(b+c): 0.0005 to 0.01

e/(b+c): 0.01 to 0.1

f/(b+c): 0.01 or less (not inclusive of 0)

b+c = 1

$x > 0$.

7. (Withdrawn) The positive electrode material for a lithium secondary battery according to claim 6, wherein the composite oxide is a powder, a particle of which has an amorphous phase of an oxide dispersed within the particle.

8. (Withdrawn) The positive electrode material for a lithium secondary battery according to claim 6, wherein the composite oxide is a powder, a particle of which has an amorphous phase of an oxide on a surface of the particle.

9. (Withdrawn) The positive electrode material for a lithium secondary battery according to claim 6, wherein the composite oxide is a powder, a particle of which has an amorphous phase of an oxide dispersed within the particle and also formed on a surface of the particle.

10. (Withdrawn) A method for producing a positive electrode material for a

lithium secondary battery, the method comprising:

adding Ba and Al raw materials to a Li-Ni-Co-O system raw material, whereby consequently obtaining a mixture; and

firing the mixture.

11. (Withdrawn) A method for producing a positive electrode material for a lithium secondary battery, the method comprising:

adding Ba and Al raw materials and a raw material for forming an amorphous phase of an oxide to a Li-Ni-Co-O system raw material, whereby consequently obtaining a mixture; and

firing the mixture.

12. (Withdrawn) A method for producing a positive electrode material for a lithium secondary battery, the method comprising:

adding Ba and Al raw materials to a Li-Ni-Co-O system raw material, whereby consequently obtaining a mixture;

firing the mixture;

further mixing a raw material for forming an amorphous phase of an oxide in the fired mixture, whereby consequently obtaining a further mixture; and

re-firing the further mixture.

13. (Withdrawn) A method for producing a positive electrode material for a lithium secondary battery, the method comprising:

adding Ba and Al raw materials and a raw material for forming an amorphous phase of an oxide to a Li-Ni-Co-O system raw material, whereby consequently obtaining a mixture;

firing the mixture;

further mixing a raw material for forming an amorphous phase of an oxide in

the fired mixture, whereby consequently obtaining a further mixture; and

re-firing the further mixture.

14. (Previously Presented) A lithium secondary battery comprising a positive electrode composed of the positive electrode material for a lithium secondary battery as recited in claim 1.